

**SYSTEM AND METHOD FOR VERIFYING USAGE AND QUALITY OF
INTERCONNECTION SERVICES FOR A COMMUNICATION NETWORK**

ABSTRACT OF THE DISCLOSURE

5 A system and method are disclosed which capture signaling data from a signaling network, such as Signaling System Seven, and utilize such captured data to provide information about interconnection services provided in a communication network. More specifically, in a preferred embodiment, monitors capture signaling data from links within a signaling network and correlate the messages into call or transaction records for further processing. For example, in a preferred embodiment, monitors utilize the captured messages to generate call detail record (CDR) data and usage detail record (UDR) data. The generated CDR/UDR data is communicated from the monitors to an "interconnection analysis server." In a preferred embodiment, one or more applications execute on the IA server to collect 10 information about interconnection services, such as usage amount and quality of interconnection services. Thereafter, a service provider may verify the usage and quality of interconnection services via the IA server.